

EXHIBIT G

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Sample Infringement of U.S. Patent No. 6,289,319 by Azure Standard

The following analysis shows an example of how each element of Claim 1 is literally present in the Accused Instrumentality. Additionally, to the extent that some claim elements might later be deemed missing under a literal infringement analysis (e.g., due to future claim construction), Landmark alternatively demonstrates the presence of equivalents for those elements under the doctrine of equivalents. Further in the event that there is litigation between the parties, Landmark expects that these charts will be updated to reflect facts and information obtained during discovery.

U.S. PATENT NO. 6,289,319	INFRINGEMENT BY REPRESENTATIVE ACCUSED INSTRUMENTALITY
Claim 1 An automatic data processing system for processing business and financial transactions between entities from remote sites which comprises:	Azure Standard's website (https://www.azurestandard.com//), hosted at IP address 72.14.190.253 as of the preparation of these Contentions), together with the one or more servers that host it, and the representative terminal that accesses it, comprises an automatic data processing system for processing business and financial transactions between entities from remote sites, including the elements below. The representative terminal discussed below accesses the Azure Standard website through an Opera browser version 43.0, executing the HTML and JavaScript codes for Azure Standard's website. Upon information and belief, other remote terminals operate in the same manner to infringe as charted for the representative terminal. These codes are retrieved from, and controlled by, one or more "nginx/0.7.65" servers used in conjunction with Azure Standard's website.


```

▶<head>...</head>
▼<body ng-class="[pageTitle, showCart, {Superuser: userState.superUserId, 'is-notUserOrder':
!activeOrderState.order.customer, 'is-noActiveOrder': !activeOrderState.order}]" class="is-notUserOrder page-
home false" style>
▶<noscript>...</noscript>
<!---->
▶<div>...</div>
<script src="//cdn.polyfill.io/v2/polyfill.min.js?
features=es6,IntersectionObserver&unknown=polyfill&flags=gated"></script>
<script src="//cdn.jsdelivrivr.net/npm/clioboard-polyfill@2/build/clioboard-polyfill.min.js" async></script>
<script src="//cdn.jsdelivrivr.net/npm/jquery@3.2/dist/jquery.min.js"></script>
<script src="//cdn.jsdelivrivr.net/npm/angular@1.5/angular.min.js"></script>
<script src="//cdn.jsdelivrivr.net/gh/azurestandard/azure-angular-providers@2.0/azure-providers.min.js">
</script>
<script src="//cdn.jsdelivrivr.net/npm/@uirouter/angularjs@1.0/release/angular-ui-router.min.js"></script>
<script src="//cdn.jsdelivrivr.net/npm/ocLazyLoad@1.1/dist/ocLazyLoad.min.js"></script>
<script src="//cdn.jsdelivrivr.net/npm/flickity@2.0/dist/flickity.pkgd.min.js"></script>
<script src="//cdn.jsdelivrivr.net/combine/npm/bootstrap@3.3/dist/js/bootstrap.min.js,npm/angular-ui-
bootstrap@1.3/dist/ui-bootstrap-tpls.min.js"></script>
<script src="//cdn.jsdelivrivr.net/npm/algoliasearch@3.28/dist/algoliasearch.angular.min.js"></script>
<script src="//cdn.jsdelivrivr.net/combine/npm/angular-sanitize@1.5/angular-sanitize...1.4/angular-bind-html-
compile.min.js,npm/countdown@2.6/countdown.min.js"></script>
<script src="//cdn.jsdelivrivr.net/combine/npm/raven-js@3/dist/raven.min.js,npm/raven-js@3/dist/plugins/
angular.min.js" crossorigin="anonymous"></script>
▶<script>...</script>
<script src="routes.module.7b85e17e.js"></script>
<script src="azure.algolia.module.d92392d2.js"></script>

```

Excerpt of Code found at <https://www.azurestandard.com/>

The representative terminal, remote from the Azure Standard server, transmits inquiries about various products to the Azure Standard website, as well as orders for those products.

Support: 971-200-8350



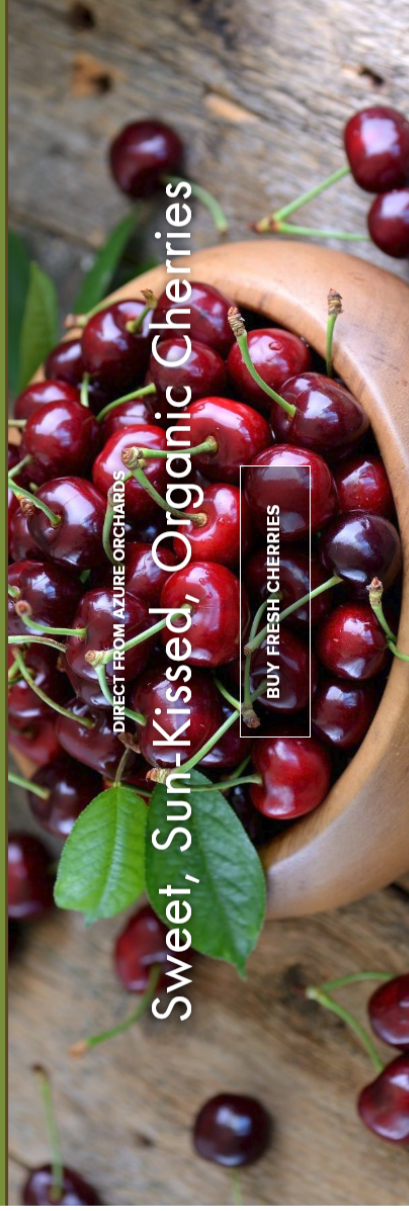
AZURE
Standard of Healthy & Abundant Living

Sign In Customer Support MY CART



SHOP ▾ RECIPES HEALTHY LIVING

Search products



DIRECT FROM AZURE ORCHARDS

Sweet, Sun-Kissed, Organic Cherries

BUY FRESH CHERRIES

SHOP HEALTHY PRODUCTS

Today's Picks



Save 9%

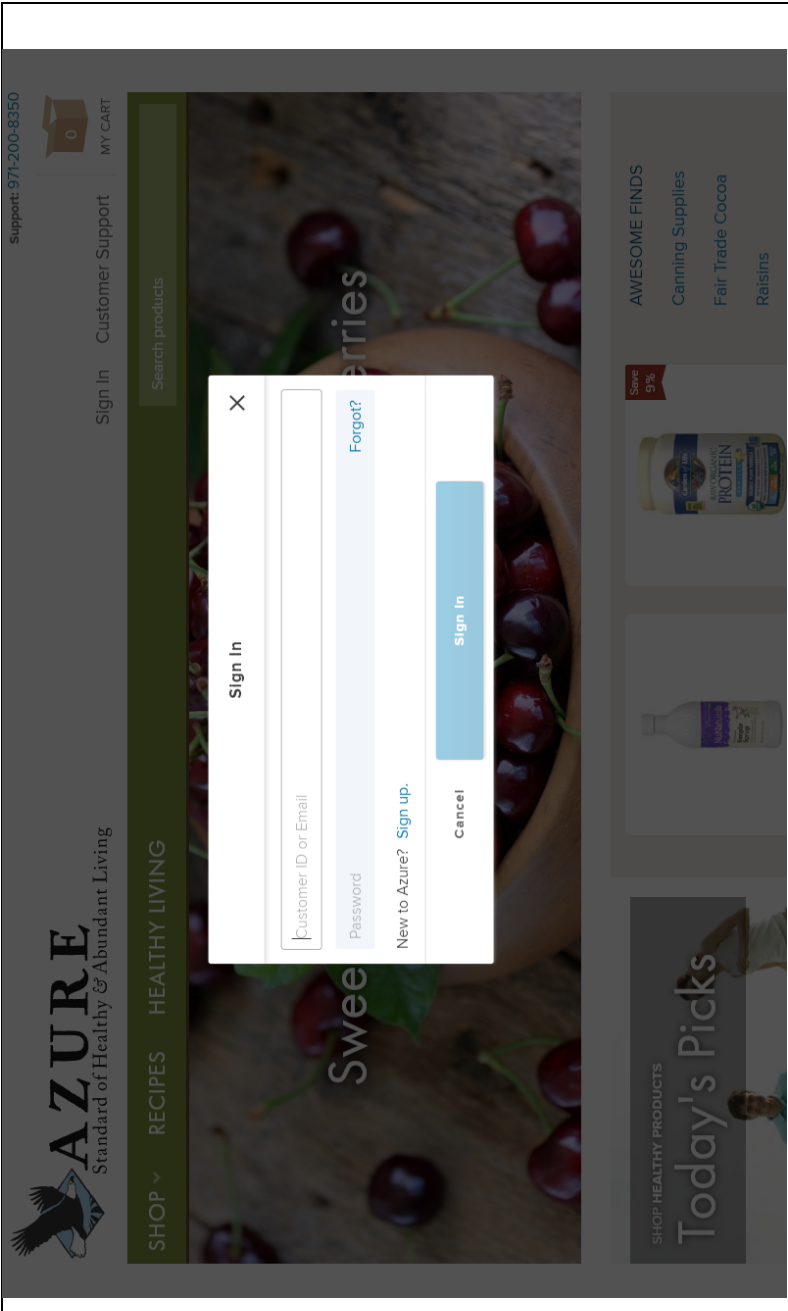
AWESOME FINDS

Canning Supplies

Fair Trade Cocoa

Raisins

<https://www.azurestandard.com/>

	 <p>https://www.azurestandard.com/account</p>
said central processor including:	<p>Landmark contends that the representative terminal is representative of the computers and other devices (such as laptops, tablets, and smartphones) used by Azure Standard’s customers, as well as by Azure Standard itself, which also transmit inquiries and orders to the Azure Standard website and the one or more servers that host it.</p> <p>The one or more servers hosting Azure Standard’s website, here the claimed “central processor,” include(s) the following elements:</p>

means for receiving information about said transactions from said remote sites;	<p>Azure Standard’s website and the one or more servers that host it receive information about transactions from remote sites via a modem communicating through the internet, here the claimed “means for receiving.” <i>See supra</i> (showing that Azure Standard’s website is hosted by servers connected to the internet at IP address 72.14.190.253).</p> <p>Alternatively, and to the extent that the claimed “means for receiving” is construed narrowly, Landmark contends that Azure Standard’s website and the one or more servers that host it employ the claimed “means for receiving” through the doctrine of equivalents. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations. Interim physical layers and protocols (i.e., 3G, 4G, LTE and WiFi) which reach the internet are equivalents of communication through modems connected to analog telephone lines.</p>
means for retrievably storing said information;	<p>Azure Standard’s website and the one or more servers that host it retrievably store information about transactions in RAM Memory and on hard disk drives. Azure Standard’s website retrievably stores records of user account activity and orders in its “My Account” sections. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations. <i>See supra</i>.</p>



<https://www.azurestandard.com/shop/category/food/beans-peas/28402>

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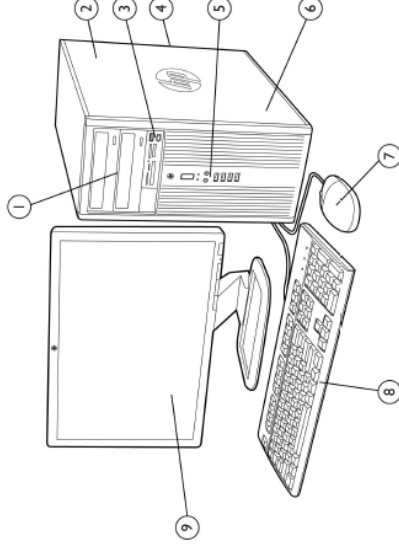
	<div data-bbox="196 203 841 1430">  <p>The screenshot shows the Azure Market website. At the top, there's a navigation bar with the Azure logo and links for SHOP, RECIPES, and HEALTHY LIVING. Below this, a breadcrumb trail reads 'Food > Beans & Peas > Black > Dry'. The main content area features a large image of a bag of Azure Market Organic Black Beans. To the right of the image, there's a table with product details:</p> <table border="1"> <thead> <tr> <th>Quantity</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>40 oz</td> <td>\$5.25</td> </tr> <tr> <td>5 lb</td> <td>\$9.50</td> </tr> <tr> <td>4 x 40 oz</td> <td>\$19.25</td> </tr> <tr> <td>25 lb</td> <td>\$38.15</td> </tr> <tr> <td>2200 lb</td> <td>\$2,432</td> </tr> <tr> <td></td> <td>\$1.19/pound</td> </tr> </tbody> </table> <p>Below the table, there's a section titled 'AZURE MARKET SUPPLIERS' with a paragraph of text. At the bottom right, there's a 'Checkout' button.</p> </div>	Quantity	Price	40 oz	\$5.25	5 lb	\$9.50	4 x 40 oz	\$19.25	25 lb	\$38.15	2200 lb	\$2,432		\$1.19/pound
Quantity	Price														
40 oz	\$5.25														
5 lb	\$9.50														
4 x 40 oz	\$19.25														
25 lb	\$38.15														
2200 lb	\$2,432														
	\$1.19/pound														
<p>at least one terminal at each of said remote sites including a data processor and operational sequencing lists of program instructions;</p>	<p>https://www.azurestandard.com/shop/product/food/beans-peas/black/dry/black-beans-organic/6625?package=BE094</p> <p>The representative terminal is an HP Compaq 6200 Pro Desktop PC (here, the claimed “terminal”) uses an Intel Pentium G620 Dual-Core Processor (the claimed “data processor”).</p>														

QuickSpecs

Overview

HP Compaq 6200 Pro Series

HP Compaq 6200 Pro Microtower Business PC



QuickSpecs

HP Compaq 6200 Pro Series

Standard Features and Configurable Components (availability may vary by country)

Processor

Intel® Pentium® Processors

Intel Pentium G620 Processor

2.60 GHz, 3M cache, 2 cores/2 threads

Intel HD Graphics

(excerpted from “QuickSpecs” for HP Compaq 6200 Pro Series)

The representative terminal is equipped with the Windows 7 operating system and Opera browser programs, which support the Javascript and HTML of Azure Standard’s website. The sample of code from Azure Standard’s website below shows that Javascripts and HTML (collectively, the claimed “operational sequencing lists of program instructions”) are sent to the representative terminal whenever the site is accessed by its Opera browser. The representative terminal processes the scripts locally in order to use and display the Azure Standard website.

	<pre> <head>...</head> <body ng-class="[pageTitle, {Superuser: userState.superUserId, 'is-notUserOrder': !activeOrderState.order.customer, 'is-noActiveOrder': !activeOrderState.order}]" class="is-notUserOrder page- home false" style ><noscript>...</noscript> <!--> <div>...</div> <script src="//cdn.polyfill.io/v2/polyfill.min.js? features=es6,IntersectionObserver&unknown=polyfill&flags=gated"></script> <script src="//cdn.jsdelivr.net/npm/clioboard-polyfill@2/build/clioboard-polyfill.min.js" async></script> <script src="//cdn.jsdelivr.net/npm/jquery@3.2/dist/jquery.min.js"></script> <script src="//cdn.jsdelivr.net/npm/angular@1.5/angular.min.js"></script> <script src="//cdn.jsdelivr.net/gh/azurestandard/azure-angular-providers@2.0/azure-providers.min.js"> </script> <script src="//cdn.jsdelivr.net/npm/@uirouter/angularjs@1.0/release/angular-ui-router.min.js"></script> <script src="//cdn.jsdelivr.net/npm/ocLazyLoad@1.1/dist/ocLazyLoad.min.js"></script> <script src="//cdn.jsdelivr.net/npm/flickity@2.0/dist/flickity.pkgd.min.js"></script> <script src="//cdn.jsdelivr.net/combine/npm/bootstrap@3.3/dist/js/bootstrap.min.js,npm/angular-ui- bootstrap@1.3/dist/ui-bootstrap-tpls.min.js"></script> <script src="//cdn.jsdelivr.net/npm/algoliasearch@3.28/dist/algoliasearch.angular.min.js"></script> <script src="//cdn.jsdelivr.net/combine/npm/angular-sanitize@1.5/angular-sanitize...1.4/angular-bind-html- compile.min.js,npm/countdown@2.6/countdown.min.js"></script> <script src="//cdn.jsdelivr.net/combine/npm/raven-js@3/dist/raven.min.js,npm/raven-js@3/dist/plugins/ angular.min.js" crossorigin="anonymous"></script> <script>...</script> <script src="routes.module.7b85e17e.js"></script> <script src="azure.algolia.module.d92392d2.js"></script> </pre>
<p>means for remotely linking said terminal to said central processor and for transmitting data back and forth between said central processor and said terminal;</p>	<p>Sample of Javascript and HTML downloaded to representative terminal from: https://www.azurestandard.com</p> <p>The representative terminal uses a “ubee” UBC1302-BA00 modem communicating through the internet, here the “means for remotely linking,” to transmit data back and forth between the computer and Azure Standard’s website and one or more servers. The representative terminal receives data when it accesses the website, and sends data to the one or more Azure Standard servers when the user places an order, makes a search query or menu selection, or logs into his/her account.</p> <p>Alternatively, and to the extent that the claimed “means for remotely linking” is construed narrowly, Landmark contends that the representative terminal employs the claimed “means for remotely linking” through the doctrine of equivalents. Interim physical layers and protocols (i.e., 3G, 4G, LTE and WiFi) which reach the internet are equivalents of communication through</p>

	modems connected to analog telephone lines. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.
said terminal further comprising means for dispensing information and services for at least one of said entities including: a video screen;	The representative terminal dispenses information and services from Azure Standard's website on behalf of at least one user according to the following elements: The representative terminal uses an HP 2010 monitor, here the claimed "video screen." Landmark contends that its video screen is representative of those employed on the terminals that Azure Standard uses internally, as well as those used by Azure Standard's customers and Azure Standard internally. Indeed, Azure Standard's website is formatted, through its code, to render on video screens of various sizes, such as on iPads and iPhones. The sample of code from Azure Standard's website below shows that Azure Standard's website renders on video screens of various sizes:

```

var css = window.getComputedStyle(this.element, null);
var elementRect = this.element.getBoundingClientRect();
params['elementWidth'] = parseInt(elementRect.width) ||
  parseInt(css.getPropertyValue('width'));
params['elementHeight'] = parseInt(elementRect.height) ||
  parseInt(css.getPropertyValue('height'));
return params;
};

GuestViewContainer.prototype.dispatchEvent = function(event) {
  return this.element.dispatchEvent(event);
}

// Returns a wrapper function for [func] with a weak reference to [this].
GuestViewContainer.prototype.wrapper = function(func) {
  var viewInstanceId = this.viewInstanceId;
  return function() {
    var view = GuestViewInternalatives.getViewFromID(viewInstanceId);
    if (view) {
      return $function.apply(func, view, $Array.slice(arguments));
    }
  };
}


```

<https://www.azurestandard.com/shop/category/food/beans-peas/28402>



Azure Standard's Website Rendered on Various Video Screens

	<p>Alternatively, and to the extent that the claimed “video screen” is construed narrowly, Landmark contends that the representative terminal employs the claimed “video screen” through the doctrine of equivalents. LCD, LED, and OLED screens are such equivalents. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.</p>
means for holding operational data including programming, informing, and inquiring sequences of data;	<p>The representative terminal has an HP 160GB 10K rpm SATA 3.0Gb/s 2.5” Hard Disk Drive (here the “means for holding”), which holds the Windows 7 operating system, as well as the Opera browser and the HTML and Javascript provided by the Azure Standard website (collectively, the “programming, informing, and inquiring sequences of data”):</p> <p>QuickSpecs</p> <p>Data Storage Drives 160-GB Hard Disk Drives <u>HP 160GB 10K rpm SATA 3.0Gb/s 2.5" Hard Disk Drive</u> Includes 3.5" adapter</p> <p>HP Compaq 6200 Pro Series</p> <p>(excerpted from “QuickSpecs” for HP Compaq 6200 Pro Series)</p> <p>Alternatively, and to the extent that the claimed “means for holding” is construed narrowly, Landmark contends that the representative terminal employs the claimed “means for holding” through the doctrine of equivalents. Hard disk drives and solid-state drives are equivalent to read/write optical disks or video disks. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.</p> <p>Azure Standard’s website informs users how to create accounts. “Additional emails receive account notifications, useful for including family/friends on account related activity” and likewise instructs to reenter or correct data as needed.</p>



Azure
Standard of Healthy & Abundant Living

Support: 971-200-8350

My Shipment
Parcel Carrier

Address
123, del mar, ...

MY CART

My Account

Customer Support

MY CART

SHOP ▾

RECIPES

HEALTHY LIVING

Search products

Customer ID: 1269773

My Account

Drops ▾

Orders ▾

Account Balance

Favorites

Profile

Emails

Notifications

Shop Filters

Payment Methods

Affiliate

Sign Out

Emails

Your primary email address is used for account-critical tasks, including login and password reset. All emails (including non-primary emails) are used for account notifications (manage notifications).

1@qwe.com Primary

new-email@domain.com

Add Email

Why add additional emails?


Additional emails receive account notifications, useful for including family/friends on account-related activity.

<https://www.azurestandard.com/my-account/emails>

Azure Standard’s website also provides inquiring sequences during product selection, which said operational data including programming, informing, and inquiring sequences of data are held by terminal.



When a user selects a product characteristic via search, questions are fetched: namely, additional filters as well as in certain cases add to cart.



AZURE
Standard of Healthy & Abundant Living

Support 971-200-8350

My Shipment
Parcel Carrier

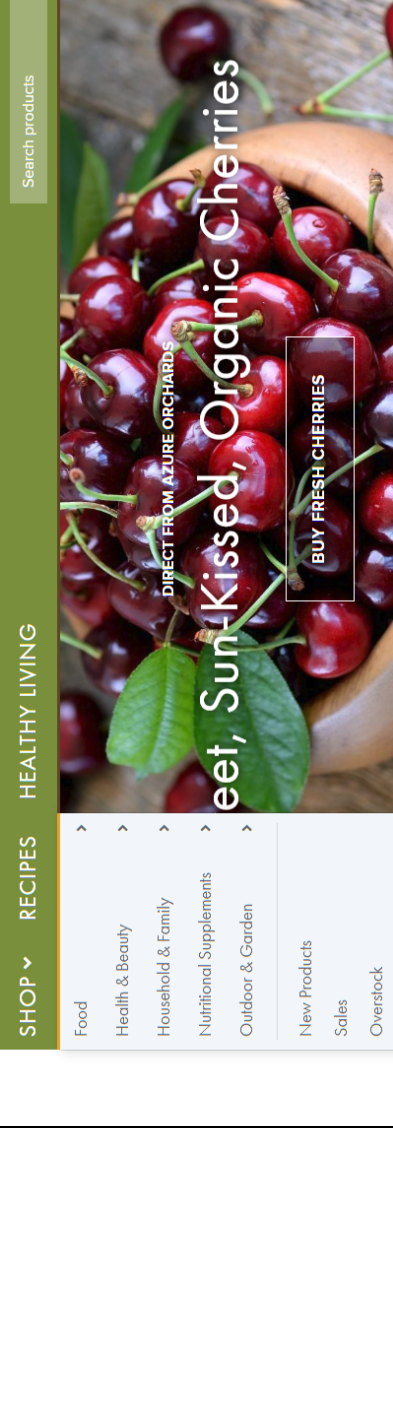
Address
123, del mar, ...

MY CART

Favorites My Account Customer Support

SHOP ▾ RECIPES HEALTHY LIVING

- Food >
- Health & Beauty >
- Household & Family >
- Nutritional Supplements >
- Outdoor & Garden >
- New Products
- Sales
- Overstock
- Bargain Bin
- Brands

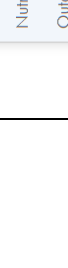


Direct from AZURE ORCHARDS

Meet, Sun-Kissed, Organic Cherries

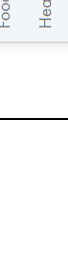
BUY FRESH CHERRIES

Search products



\$12.79
16 fl.oz @ \$0.80/fluid-ounce
NuStevia Simple Syrup
NuNaturals

13



\$9.75 - \$51.75
\$0.81 - \$0.72/rolls
5 sizes
2 On Sale
Bathroom Tissue, Bamboo & Sugar Cane, 300 ct 2 ply

29

AWESOME FINDS

Canning Supplies


Fair Trade Cocoa

Raisins

Gluten Free Oats

Bragg's Liquid Aminos

Bokashi



icks

<https://www.azurestandard.com/>

Likewise, an additional inquiring sequences are fetched on the Azure Standard website when the website asks the user to filter by Food, Health & Beauty, Household & Family, etc. and address, shipping information, credit card number, etc.. Further, additional inquiring sequences are fetched in the event of an incorrect, incomplete or unrecognized data input.

The terminal fetches an additional inquiring sequence from Azure Standard's website and the one

or more servers that host it when the website asks the user to refine by category:



<https://www.azurestandard.com/my-account/favorites>

And, further, the terminal fetches an additional inquiring sequence from Azure Standard's website and the one or more servers that host it when the website prompts the user to enter his/her information in response to incorrect, incomplete or is unrecognized data input:

Input/Output Devices

HP PS/2 Standard Keyboard
HP USB Standard Keyboard
HP USB Keyboard with USB ports
HP USB Smart Card (CCID) Keyboard
HP USB Mini Keyboard
HP USB and PS/2 Washable Keyboard

HP PS/2 Optical Mouse
HP USB Optical Mouse
HP USB Laser Mouse
HP USB and PS/2 Washable Mouse

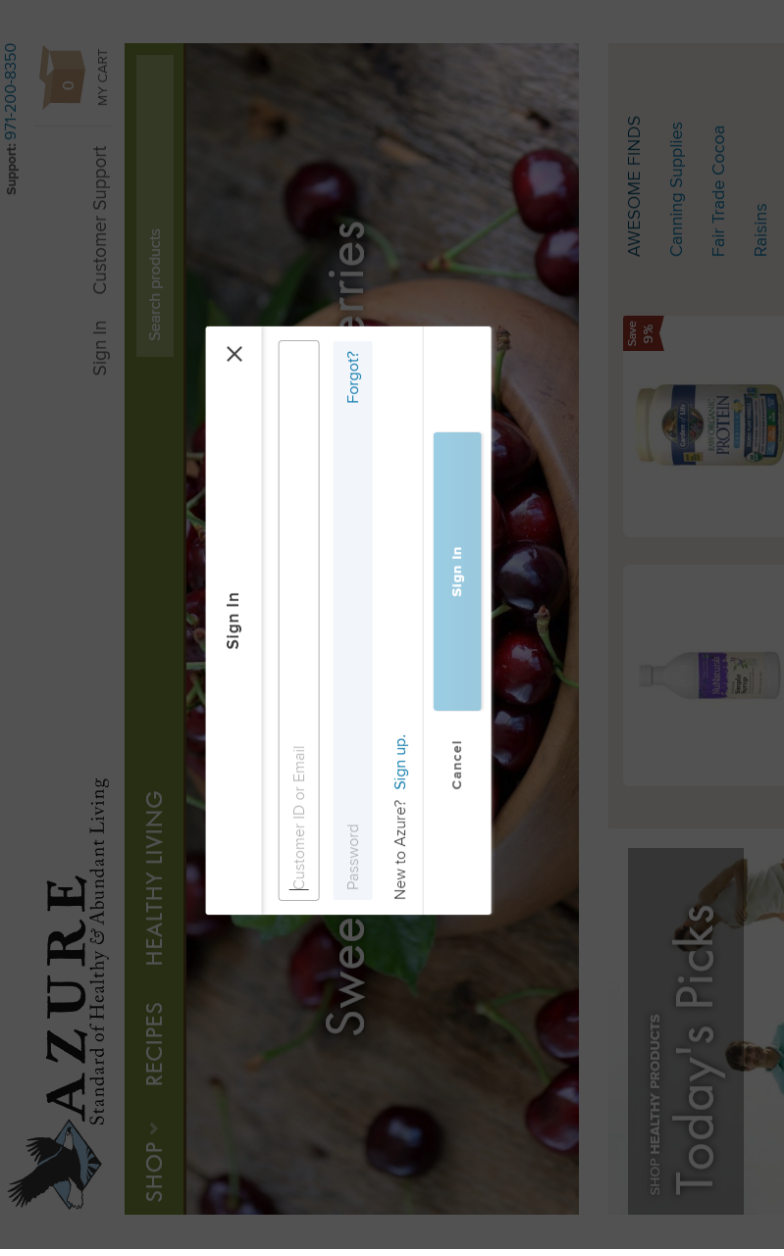
(excerpted from “QuickSpecs” for HP Compaq 6200 Pro Series)

Use of Azure Standard’s website requires the entry of information at the representative terminal. The sample of code below shows that Azure Standard’s website handles “Fields” where information typically entered by the mouse, as well as “Keypress” functions for accepting information from a keyboard:

```
// record first keypress in a series, but ignore subsequent
// keypresses until debounce clears
var timeout = self._keypressTimeout;
if (!timeout) {
    self._breadcrumbEventHandler('input')(evt);
}
clearTimeout(timeout);
self._keypressTimeout = setTimeout(function() {
    self._keypressTimeout = null;
}, debounceDuration);
};
```

Sample Code from: <https://www.azurestandard.com/>




More generally, Azure Standard’s website requires the manual entry of information at the representative terminal when the user logs into his/her account and when the user orders a product:



<https://www.azurestandard.com/>



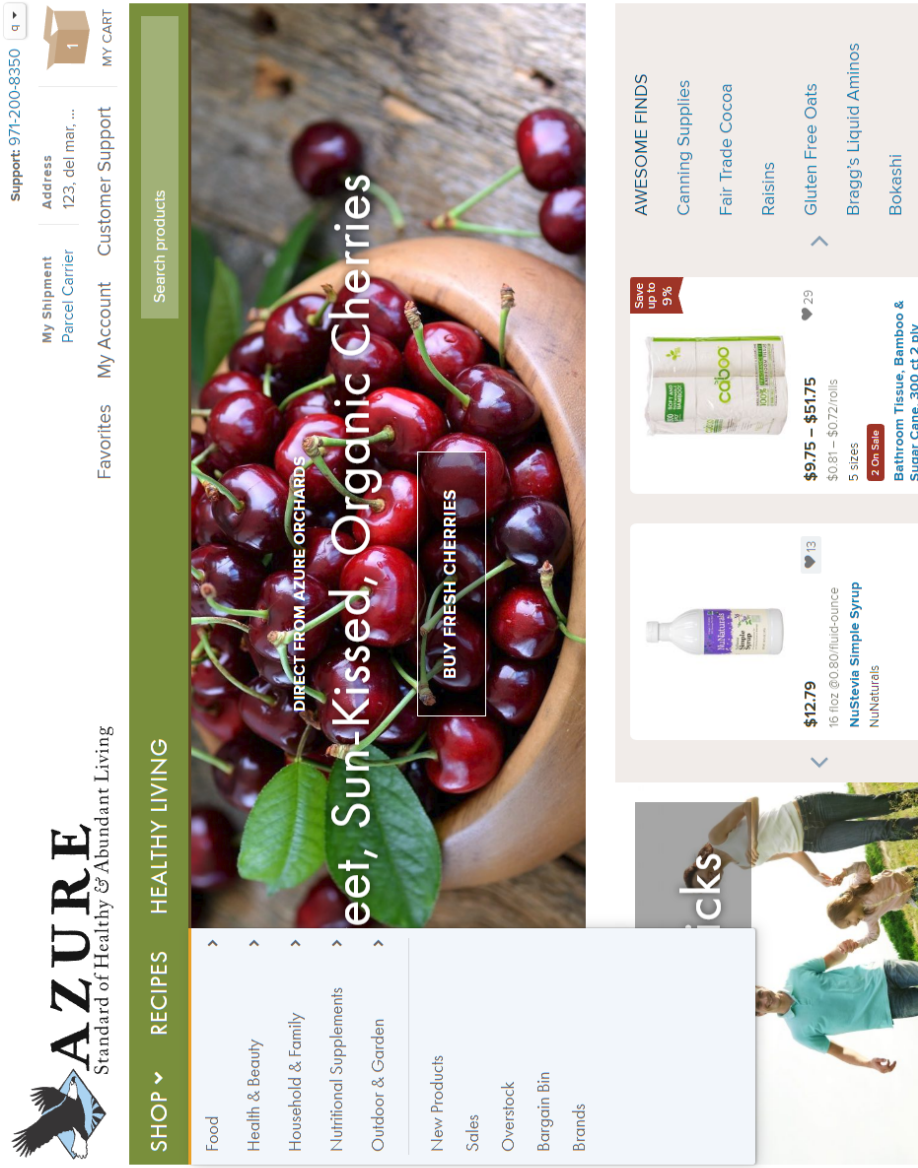
means for storing information, inquiries and orders for said transactions entered by one of said entities via said means for manually entering information, and data received through and from said central processor;	<p>The representative terminal stores information, inquiries and orders entered by the user via the keyboard and/or mouse in its HP 1 GB DIMM used for DDR3 SDRAM, its HP 160GB 10K rpm SATA 3.0Gb/s 2.5" Hard Disk Drive (collectively, the "means for storing") and internal data buffering. The representative terminal also stores some of the data received through and from Azure Standard's website and the one or more servers that host it (here, again, the "central processor") in its RAM and some in its hard disk drive.</p> <p>QuickSpecs</p> <ul style="list-style-type: none"> • DDR3 Synchronous Dynamic Random Access Memory (SDRAM) <p>System Memory HP 1 GB DIMM</p> <p>Data Storage Drives 160-GB Hard Disk Drives HP 160GB 10K rpm SATA 3.0Gb/s 2.5" Hard Disk Drive <u>Includes 3.5" adapter</u></p> <p>HP Compaq 6200 Pro Series</p> <p>Part Number AT023</p>
on-line means for transmitting said information, inquiries, and orders to said central processor;	<p>(excerpted from "QuickSpecs" for HP Compaq 6200 Pro Series)</p> <p>The representative terminal uses an "ubee" UBC1302-BA00 modem communicating through the internet, here the "on-line means for transmitting," to transmit information, inquiries, and orders to Azure Standard's website and the one or more servers that host it (the "central processor"). Use of Azure Standard's website to order a product requires that the representative terminal transmit information, inquiries and orders to Azure Standard's website and the one or more servers that host it, when the user sends his/her responses to Azure Standard website inquiries regarding the type or quantity of product to be ordered, and sends his/her credit card information and order:</p>

	<div data-bbox="191 172 974 1478"><div data-bbox="194 262 219 420">Support: 971-200-8350</div><div data-bbox="194 987 300 1428"> Standard of Healthy & Abundant Living</div><div data-bbox="276 262 308 598">Sign In Customer Support MY CART</div><div data-bbox="324 262 373 1428">SHOP > RECIPES HEALTHY LIVING</div><div data-bbox="324 441 365 577">Search products</div><div data-bbox="389 546 682 1134"><div data-bbox="397 556 673 1123"><div data-bbox="406 556 446 871">Sign In X</div><div data-bbox="462 556 511 1123"><input type="text" value="Customer ID or Email"/></div><div data-bbox="519 556 568 1123"><input type="password" value="Password"/></div><div data-bbox="576 556 609 1123">New to Azure? Sign up.</div><div data-bbox="617 556 673 1123"><div data-bbox="625 651 665 934">Sign In</div><div data-bbox="625 945 665 1018">Cancel</div></div></div></div><div data-bbox="812 1060 974 1428"><div data-bbox="828 1228 852 1417">SHOP HEALTHY PRODUCTS</div><div data-bbox="852 1113 917 1417">Today's Picks</div></div><div data-bbox="812 535 974 1039"><div data-bbox="820 535 844 577">Save 9%</div><div data-bbox="820 598 966 682"></div><div data-bbox="820 787 966 913"></div><div data-bbox="812 262 974 514"><div data-bbox="812 336 836 483">AWESOME FINDS</div><div data-bbox="852 336 876 483">Canning Supplies</div><div data-bbox="893 336 917 483">Fair Trade Cocoa</div><div data-bbox="933 409 958 483">Raisins</div></div></div></div> <div data-bbox="974 619 1015 1039">https://www.azurestandard.com/</div>
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Alternatively, and to the extent that the claimed “on-line means for transmitting” is construed narrowly, Landmark contends that the representative terminal employs the claimed “on-line means for transmitting” through the doctrine of equivalents. Interim physical layers and protocols (i.e., 3G, 4G, LTE and WiFi) which reach the internet are equivalents of communication through modems connected to analog telephone lines. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.

on-line means for receiving data comprising operator-selected information and orders from said central processor via said linking means;

The representative terminal uses a “ubee” UBC1302-BA00 modem communicating through the internet, here the “on-line means for receiving,” to receive user-selected information and orders from the Azure Standard website and server (here, the “central processor”). The user accessing the Azure Standard website through the representative terminal may select information of various kinds, and orders by placing an order for a product or by logging into the Azure Standard website’s “Log in” section:



<https://www.azurestandard.com/>

	<p>Alternatively, and to the extent that the claimed “on-line means for receiving” is construed narrowly, Landmark contends that the representative terminal employs the claimed “on-line means for receiving” through the doctrine of equivalents. Interim physical layers and protocols (i.e., 3G, 4G, LTE and WiFi) which reach the internet are equivalents of communication through modems connected to analog telephone lines. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.</p>
<p>means for outputting said informing and inquiring sequences on said video screen in accordance with preset routines and in response to data entered through said means for entering information;</p>	<p>The representative terminal outputs the informing and inquiring sequences provided to it by Azure Standard’s website and one or more servers on its video screen in accordance with HTML and Javascript (here “preset routines”) that render the Azure Standard website into the corresponding monitor frame. <i>See supra</i> (showing sample of HTML and Javascript code from Azure Standard’s website that renders the site on video screens of various sizes). Azure Standard’s website is output on the representative terminal in response to user selections made through the keyboard or mouse, the user’s decision to log into his/her account, and other user-entered data tracked by Azure Standard’s cookies, as described below.</p> <p>Alternatively, and to the extent that the claimed means of this element is construed narrowly, Landmark contends that the representative terminal employs the claimed language through the doctrine of equivalents. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.</p>

means for controlling said means for storing, means for outputting, and means for transmitting, including means for fetching additional inquiring sequences in response to a plurality of said data entered through said means for entering and in response to information received from said central processor;

The architecture of the representative terminal, the HP Compaq 6200 Pro Desktop PC, is such that its DMA functionality is achieved in a mastered bus system separate from its Intel Pentium G620 Dual-Core Processor's front-side bus. The representative terminal's chipset is structured according to the "PCI Express" bus architecture standard and "SMBus" specification:

QuickSpecs

HP Compaq 6200 Pro S

Technical Specifications - Communications

Bus architecture	PCI Express and SMBus
System Interface	PCI Express x1
Controller	Intel WG82574L Gigabit Ethernet Controller
Memory	Integrated Dual 48K configurable transmit receive FIFO Buffers
Data rates supported	10/100/1000 Mbps
Compliance	IEEE 802.1P, 802.1Q, 802.2, 802.3, 802.3AB and 802.3u compliant, 802.3x flow c
Bus architecture	PCI-E 1.0a
Data path width	X1, 250 MB/s, Bi-directional interface
Data transfer mode	Bus-master DMA

(excerpted from "QuickSpecs" for HP Compaq 6200 Pro Series)


See *generally* https://en.wikipedia.org/wiki/PCI_Express &
https://en.wikipedia.org/wiki/System_Management_Bus

Here, the processor, along with its architecture, is the claimed "means for controlling." This architecture achieves a separation between the computer's performance-critical capabilities handled by the CPU and other, less performance-critical capabilities such as communication (input/output or "IO"), including the DMA functionality. The representative terminal is thereby able to control the RAM and hard disk drive ("means for storing"), the monitor displaying the website presentation ("means for outputting"), and the modem communicating through the internet ("means for transmitting") concurrently. Accessing the Azure Standard website requires concurrent use of these components: when the representative terminal accesses the Azure Standard website, it

receives data via its modem, which is stored in RAM Memory and in the hard disk drive, compiled and output on the monitor .

Further, when the representative terminal uses the Azure Standard website, it fetches through its modem communicating through the internet (here, the “means for fetching”) additional questions from the Azure Standard website in response to a plurality of data entered by the user on the keyboard and mouse in order to search said textual information and graphical information through said selected entry path means and for fetching data as a function of other data and in response to information received from Azure Standard’s website and one or more servers:

When the user forward chains to a product from the Azure Standard website via search or hierarchically linked groups, here “Baking & Pantry” he may enter a plurality of data via the keyboard and mouse, selecting the “items”, “options”, “categories”, “tag”, “brand”, etc.



AZURE

Standard of Healthy & Abundant Living

Support: 971-200-8350

0

MY CART

Sign In

Customer Support

SHOP

RECIPES

HEALTHY LIVING

Food

Baking & Pantry

Refine by

Search term

Category

Baking Chips 21

Baking Mixes 53

Baking Powder 3

Cake Decorations 27

Candies 16

+ More Categories

Tag

☐ Bargain Bin 4

☐ New 7

☐ On Sale 64

Brand

☐ Azure Market Organics 83

☐ Azure Market 57


☐ Sweet Leaf 25

Baking & Pantry (451 items)

Sort Relevance

Grid

List




\$5.95 – \$74.45

4 5285

Himalayan Pink Crystal Salt

Azure Market

View Options




\$7.98 – \$81.32

4 5285

RealSalt, Fine, Granular

Redmond

View Options




\$5.45 – \$115.95

5 5285

Arrowroot Powder, Gluten Free

Azure Market

View Options




\$3.40 – \$80.95

6 5285

Rumford Baking Powder (Non Aluminum)

Rumford

View Options




\$2.10 – \$44.95

3 5285

Baking Soda

Azure Market

View Options




\$5.95 – \$74.45

4 5285

Himalayan Pink Crystal Salt

Azure Market

View Options




\$7.98 – \$81.32

4 5285

RealSalt, Fine, Granular

Redmond

View Options




\$5.45 – \$115.95

5 5285

Arrowroot Powder, Gluten Free

Azure Market

View Options




\$3.40 – \$80.95

6 5285

Rumford Baking Powder (Non Aluminum)

Rumford

View Options



\$2.10 – \$44.95

3 5285

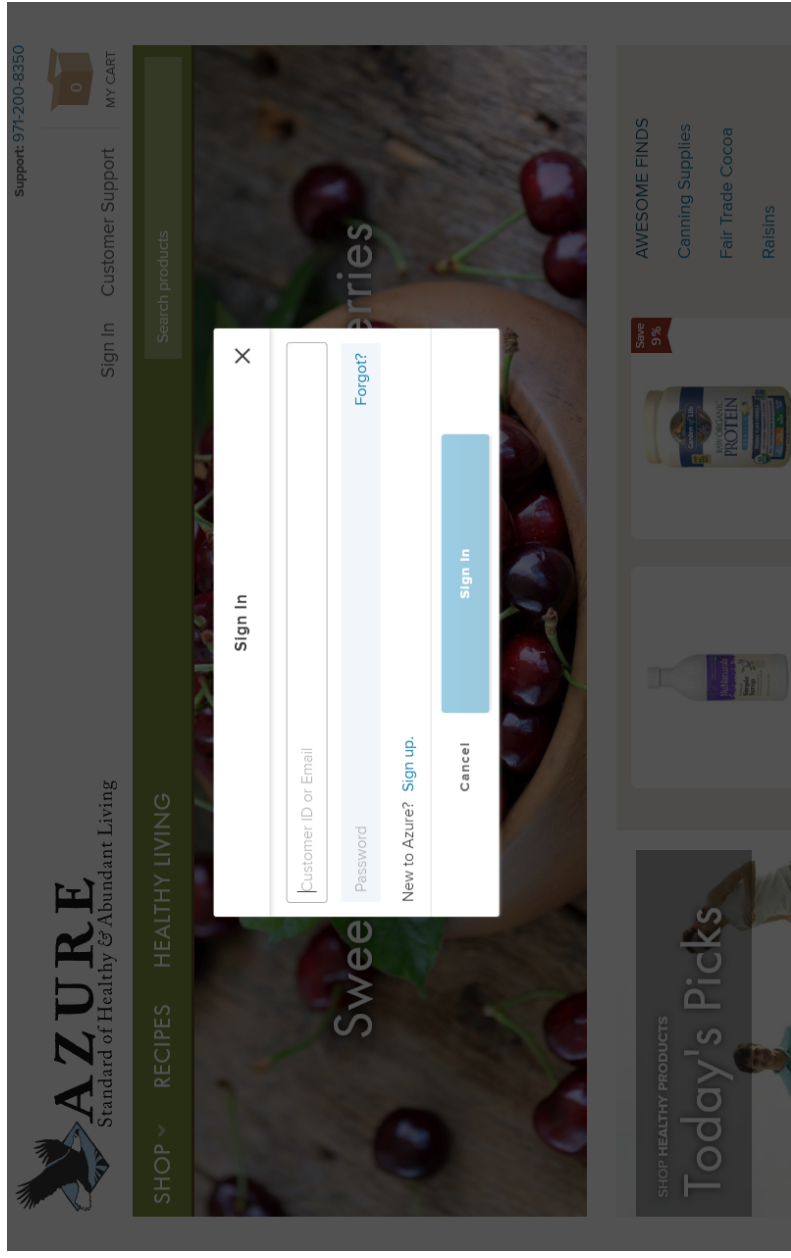
Baking Soda

Azure Market

View Options

<https://www.azurestandard.com/shop/category/food/baking-pantry/26644>

In response to this plurality of data, and to information received from the central processor— here, that the item has been added to your Cart at the Azure Standard website—an additional question is fetched: namely, Billing address, Shipping address, etc..



<https://www.azurestandard.com/>

The code from Azure Standard’s website shows that, in the process, the terminal fetches data from the website via the bus dedicated to relatively less performance-critical I/O functions, while rendering that data at speed by compiling it via another bus dedicated to capabilities handled by the CPU.


```

1 (function e(t,n,r){function s(o,u){if(!n[o]){if(!t[o]){var a=typeof require=="function"&&require;if(!u&&a)return
2 require("./services/disqus").init();require("./services/loadmore").init();require("./services/affix").init();re
3 },{"./services/addthis":2,"./services/affix":3,"./services/banner-slider":4,"./services/breadcrumbs":5,"./servi
4 var $=jQuery;function initToolbox(){if(window.addthis){addthis.toolbox(".addthis_toolbox")}module.exports={ini
5 },{}},3:[function(require,module,exports){
6 var $=jQuery;var $affixed=$();function load(){if($affixed.length){if(!$.affix-me){if(!$.affixed.length
7 },{}},4:[function(require,module,exports){
8 var $=jQuery;var carousels=[];function load(){carousels=[];$(".BannerSlider.-flickitize").each(function(){var p
9 },{}},5:[function(require,module,exports){
10 var $=jQuery;var environment=require("../util/environment");var fadeWidth=60;function Breadcrumbs(){$.extend(B
11 },{"./util/environment":18}),6:[function(require,module,exports){
12 var $=jQuery;var carousels=[];function load(){carousels=[];$(".ProductCarousel.-flickitize").each(function(){va
13 },{}},7:[function(require,module,exports){
14 var environment=require("../util/environment");var $=jQuery;var Disqus=function(){$.extend(Disqus.prototype,{
15 },{"./util/environment":18}),8:[function(require,module,exports){
16 var $=jQuery;var carousels=[];function load(){carousels=[];$(".FeaturedPosts.-flickitize").each(function(){$(th
17 },{}},9:[function(require,module,exports){
18 var $=jQuery;var environment=require("../util/environment");module.exports={init:function(){function flickitiz
19 },{"./util/environment":18}),10:[function(require,module,exports){
20 var $=jQuery;var environment=require("../util/environment");module.exports={init:function(){var interval,timeou
21 },{"./util/environment":18}),11:[function(require,module,exports){
22 var $=jQuery;module.exports={init:function(){this.watchResize()},watchResize:function(){var timeout;$(function(
23 },{}},12:[function(require,module,exports){
24 var $=jQuery;var Intention=require("../util/intention");var _=require("underscore");module.exports={init:functi
25 },{"./util/intention":19,"underscore":20}),13:[function(require,module,exports){
26 var $=jQuery;var environment=require("../util/environment");function LoadOnScroll(){var update$.proxy(this.upd
27 },{"./util/environment":18}),14:[function(require,module,exports){
28 var $=jQuery;var LoadMore={init:function(){$("body").on("click","[data-action='load-more']",LoadMore.onClick)},
29 },{}},15:[function(require,module,exports){
30 var $=jQuery;module.exports={init:function(){$(document).on("submit","form.searchform",function(e){if(window.an
31 },{}},16:[function(require,module,exports){
32 var $=jQuery;var openBrowsers=[];function toggleBrowser(e){if(e.preventDefault){e.preventDefault();e.stopPropagation
33 },{}},17:[function(require,module,exports){

```

Code from: <https://www.azurestandard.com/>

Likewise, an additional inquiring sequence is fetched during Checkout on the Azure Standard website when the website asks the user for his/her Azure Drop. Further, an additional inquiring sequence is fetched in the event that the Azure Drop are in error when an order is placed.

The user selects a product to order:

AZURE
Standard of Healthy & Abundant Living

Support: 974-200-8350 | 123 ▼

- My Shipment
- Select Shipment
- MY CART

Favorites My Account Customer Support

SHOP ▾ RECIPES HEALTHY LIVING

Food > Baking & Pastry

Baking & Pantry (469 items)

Refine by

Search term	
Category	
Baking Chips	21
Baking Mixes	53
Baking Powder	37
Cake Decorations	23
Carob	16
+ More Categories	

Tag

<input type="checkbox"/> Branigan Bin	3
<input type="checkbox"/> New	7
<input type="checkbox"/> On Sale	64
Brand	
<input type="checkbox"/> Azure Market Organics	83
<input type="checkbox"/> Azure Market	57
<input type="checkbox"/> Sweet Leaf	25

Sort: Relevance ▼ Grid List

Search products

\$23.10 – \$44.95
3 sizes
Baking Soda
Azure Market

View Options

\$3.40 – \$80.95
6 sizes
Rumford Baking Powder (Non Aluminum)
Rumford

View Options

\$5.45 – \$115.95
5 sizes
Arrowroot Powder, Gluten Free
Azure Market

View Options

\$7.98 – \$81.32
4 sizes
RealSalt® Fine, Granular
Redmond

View Options

\$5.95 – \$74.45
4 sizes
Himalayan Pink Crystal Salt
Azure Market

View Options

https://www.azurestandard.com/shop/category/food/baking-pantry/26644?subcategories=true

The user selects a product:

[illegible]

	<p>Landmark contends that the representative terminal employs the claimed “means for controlling” through the doctrine of equivalents. DMA functionality achieved along a bus other than the front-side bus is equivalent to a DMA unit placed along a bus other than the front-side bus. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.</p>
<p>said informing sequences including directions for operating said terminal, and for presenting interrelated segments of said operational data describing a plurality of transaction operations</p>	<p>The representative terminal accessing Azure Standard’s website and the one or more servers that host it downloads directions for its operation when the user attempts to login to his/her account, which is an example of the said informing sequences including directions for operating said terminal, and for presenting interrelated segments of said operational data. Azure Standard’s website informs users how to create accounts “Additional emails receive account notifications, useful for including family/friends on account related activity” and likewise instructs to reenter or correct data as needed.</p>

×

Shipping options

Your order does not yet have a destination.
Select a **shipment option** by selecting an option below.

Azure Drop

Free

Parcel Carrier

\$7 – \$25

VIEW SUGGESTED DROP

Dyson's North Escondido

Next Delivery: 8/07/18

Fees: None

FIND DROP

LOOKUP BY DROP ID

+

–

Escondido

Dyson's North Escondido

Palomar Medical Center

AVOCADO HWY

AUTO PK WAY

W 5TH AVE

N HALE AVE

ESCONDIDO BLVD

W 15TH AVE

15

Leaflet

Ship to this drop

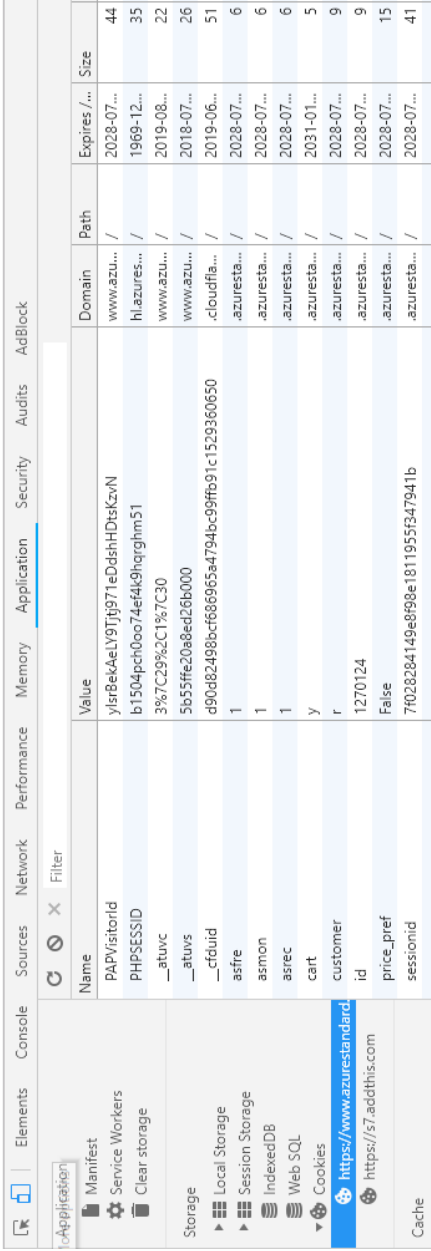
<https://www.azurestandard.com/healthy-living/>

36

Similarly, users are presented a plurality of options for shopping for products and directed to select Food, Health & Beauty, Household & Family, etc. and address, shipping information, etc.

said programming sequences including means for interaction of said video screen, data receiving and transmitting means; and for selectively retrieving said data from said means for storing;

The representative terminal accessing Azure Standard’s website and the one or more servers that host it, via the architecture described *supra*, is able to interactively control the operation of said video screen and modem, and selectively retrieve data from the hard disk drive. The representative terminal employs software, namely the Opera Browser for accessing the HTML and Javascript at Azure Standard’s website (collectively, the “means for interactively controlling”), which interactively control the operation of the computer’s video screen and the modem when accessing Azure Standard’s website and the one or more servers that host it, and selectively retrieve data from the computer’s hard disk drive. When the computer’s browser accesses Azure Standard’s website and the one or more servers that host it, they cause the browser to place a “cookie” on the computer, which records the user’s browsing activity on Azure Standard’s website.



Name	Value	Domain	Path	Expires /...	Size
PAPVistorId	ylsR8eAeLV9Tj971eDdshHDtsKzvN	www.azu...	/	2028-07-...	44
PHPSESSID	b1504pch0oo74ef4k9hgqghm51	hlazures...	/	1969-12-...	35
__atuvc	3%7C29%2C1%7C30	www.azu...	/	2019-08-...	22
__atuvs	5b55ffe20a8e4d26b000	www.azu...	/	2018-07-...	26
__cfduid	d90d82498bcf66965e4794bc99ffb91c1529360650	.cloudfla...	/	2019-06-...	51
asfre	1	.azuresta...	/	2028-07-...	6
asmon	1	.azuresta...	/	2028-07-...	6
asrec	1	.azuresta...	/	2028-07-...	6
cart	y	.azuresta...	/	2031-01-...	5
customer	r	.azuresta...	/	2028-07-...	9
id	1270124	.azuresta...	/	2028-07-...	9
price_pref	False	.azuresta...	/	2028-07-...	15
sessionid	7f028284149e8f98e1811955f347941b	.azuresta...	/	2028-07-...	41

<https://www.azurestandard.com/>

See generally https://en.wikipedia.org/wiki/HTTP_cookie

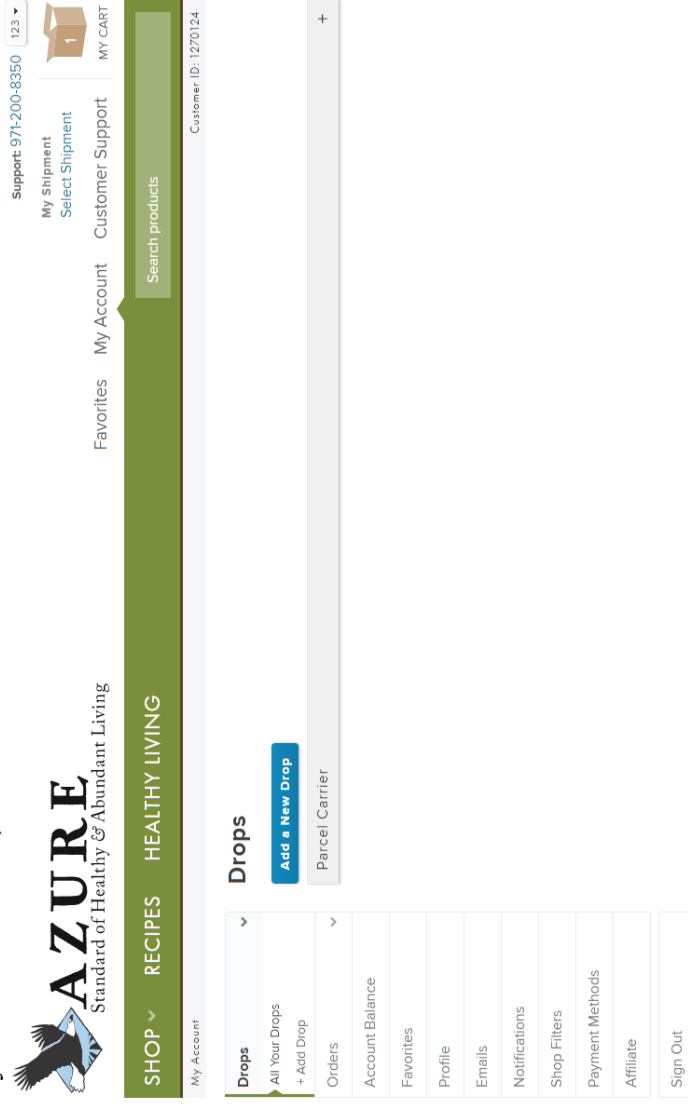
Azure Standard’s cookies personalize the user experience by allowing users to store items in their Shopping Cart. The cookie is retrieved from the hard disk during later visits and this data is then returned to the Azure Standard website, allowing it to recognize you automatically whenever you visit the site so that they can personalize user experience. Thus, the representative terminal’s browser and the cookies placed on the computer by Azure Standard’s website and the one or more servers that host it, interactively control the user’s experience of the Azure Standard website,

	allowing certain features (the Shopping Cart and personalized information) to be transmitted to the representative terminal and display on its video screen.
said means for storing comprising means for retaining said operational sequencing list and means responsive to the status of the various means for controlling their operation;	<p>The representative terminal retains the HTML and Javascript from Azure Standard website's in RAM memory and on its hard disk drive, and also retains the Windows 7 operating system and Opera browser on its hard disk drive. Both the RAM memory and the hard disk drive are responsive to the representative terminal's CPU and Opera browser.</p> <p>Alternatively, and to the extent that the claimed means of this element is construed narrowly, Landmark contends that the representative terminal employs the claimed language through the doctrine of equivalents. The Accused Instrumentality is capable of achieving substantially similar results using insubstantially different operations.</p>

said central processor further including: means responsive to data received from one of said terminals for immediately transmitting selected stored information to said terminal; and means responsive to an order received from a terminal for updating data in said means for storing; whereby said system can be used by said entities, each using one of said terminals to exchange information, and to respond to inquiries and orders instantaneously and over a period of time.

Azure Standard’s website and the one or more servers that host it respond to data received from the representative terminal by transmitting information selected from storage back to the computer. In response to user selection of products or links on Azure Standard’s website, or in response to text entered into the search field on Azure Standard’s website, Azure Standard’s website and one or more servers transmit selected information from storage back to the computer (sending further information on a product, a linked webpage, or search results back to the computer). Likewise, when Azure Standard’s website and one or more servers receive data from the computer’s “cookie,” they respond by transmitting the Shopping Cart functionality in a personalized way (i.e., with the user-selected products placed therein) or by transmitting personalized product recommendations.

When users place orders on Azure Standard’s website, the user’s order history is updated in his/her “My Account” section, which is stored on one or more servers.



<https://www.azurestandard.com/my-account/drops>

	<p>The system described above can be utilized by users of the representative terminal to exchange information with Azure Standard's website and the one or more servers that host it, and respond to inquiries and orders instantaneously and over a period of time.</p> <p>Alternatively, and to the extent that the claimed means of this element is construed narrowly, Landmark contends that the representative terminal employs the claimed language through the doctrine of equivalents. The Accused Instrumentality is capable of achieving substantially similar results using in substantially different operations.</p>
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